

1525 Sherman St. Denver, CO 80203

April 14, 2017

Representative Esgar and Members of the Capital Development Committee State of Colorado General Assembly 46 State Capitol Building Denver, CO 80203

Dear Madam Chair Esgar and Committee Members,

The Office of the State Architect has recently contacted every state agency and institution of higher education concerning SB17-267 and the potential funding of the three levels of controlled maintenance projects and the associated out year phases as recommended by OSA in FY 2017-18, (List attached). Each and every state agency and institution of higher education has assured our office in writing of their ability to successfully manage all of their projects as listed within the statutory three year encumbrance time frame.

OSA supports the agencies and institution's confirmations and pursuant to our statutory responsibilities will oversee the administration of these projects and will monitor their progress for compliance with policies and statutory requirements until successful completion.

We are available at any time and would be happy to answer any questions the Committee may have.

Respectfully submitted,

Larry Friedberg, FAIA

State Architect



CM _evel	Project Title, Number of Phases	Project No.	FY 17/18 Current Request	FY 18/19 Budget Request	FY 19/20 Budget Request	FY 20/21 Budget Request	FY 21/22 Budget Request	CM Level 1 Out-Phases Cost	CM Level 2 Cost	CM Level 3 Cost
		I	Numbers shaded	and in italics are	e funded through	n SB17-254 (Long	g Bill)	\$ 13,006,081	\$ 60,637,305	\$ 40,209,535
EPAF	RTMENT OF AGRICULTURE - COLORADO STATE FAIR									
	Repair/Replace Water, Sanitary, and Storm Water Infrastructure on Fairgrounds, 3 Phases	2015-100M14	\$1,180,895	\$1,029,024	\$0	\$0	\$0		\$2,209,919	
EPAF	RTMENT OF CORRECTIONS									
	Chiller Replacement, San Carlos Correctional Facility, 2 Phases		\$785,718	\$670,932	\$0	\$0	\$0	\$670,932		
1	Critical Security Improvements to Segregation Units, BVCC, 1 Phase		\$679,782	\$0	\$0	\$0	\$0			
1	Roof Replacement, Living Unit, CCF, 1 Phase		\$1,210,188	\$0	\$0	\$0	\$0			
1	Replacement of Chiller and HVAC Controls, TCF, 1 Phase		\$889,800	\$0	\$0	\$0	\$0			
2	Critical Roof Replacement, SCF, 2 Phases	2015-187M14	\$763,748	\$0	\$0	\$0	\$0		\$763,748	
2	Replace Roofs, LCF, 3 Phases		\$1,421,242	\$1,757,961	\$1,669,930	\$0	\$0		\$4,849,133	
3	Replace Boiler and Combustion Controls, FCF, 1 Phase		\$862,045	\$0	\$0	\$0	\$0			\$862,045
3	Freezer/Cooler Equipment Repair and Replacement, CDOC, 2 Phases		\$713,449	\$0	\$548,112	\$0	\$0			\$1,261,561
EPAF	RTMENT OF EDUCATION - COLORADO SCHOOL FOR THE DEAF & B	LIND								
1	Repair/Safety Upgrade Locker Room, Hubert Work Gymnasium, 1 Phase)	\$1,322,910	\$0	\$0	\$0	\$0			
2	Replace North Side Steam Line, 2 Phases		\$356,420	\$276,940	\$0	\$0	\$0		\$633,360	
3	Remove Underground Storage Tank, 1 Phase		\$139,397	\$0	\$0	\$0	\$0			\$139,397
EPAF	RTMENT OF EDUCATION - COLORADO TALKING BOOK LIBRARY									
	Replace Roof and Repair Parking Lot Water Drainage, Colorado Talking Book Library, 1 Phase		\$364,200	\$0	\$0	\$0	\$0			\$364,200
EPAF	RTMENT OF HIGHER EDUCATION - HISTORY COLORADO									
1	Adobe Stabilization and Water Diversion, Baca House, 1 Phase		\$600,185	\$0	\$0	\$0	\$0			
EPAF	RTMENT OF HUMAN SERVICES									
1	Upgrade Electronic Security Systems, Four DYC Centers, 3 Phases	2017-082M16	\$1,036,470	\$912,496	\$0	\$0	\$0	\$912,496		
1	Repair/Replace Roofs, CMHIFL, 3 Phases	2015-117M14	\$1,382,279	\$1,733,153	\$0	\$0	\$0	\$1,733,153		
1	Repair/Replace HVAC Systems in A, C, D and E Buildings, CMHIFL, 3 Phases	2011-124M14	\$572,914	\$1,229,317	\$0	\$0	\$0	\$1,229,317		
2	Update Fire Detection and Monitoring Systems, WRRC, 1 Phase		\$1,853,562	\$0	\$0	\$0	\$0		\$1,853,562	
	Replace Boiler Economizer, Central Plant, CMHIP, 1 Phase		\$1,024,467	\$0	\$0	\$0	\$0		\$1,024,467	

CM Level		roject No.	FY 17/18 Current Request	FY 18/19 Budget Request	FY 19/20 Budget Request	FY 20/21 Budget Request	FY 21/22 Budget Request	CM Level 1 Out-Phases Cost	CM Level 2 Cost	CM Level 3 Cost
2	Replace Fire Alarm and HVAC Systems Upgrades at GMYSC, 1 Phase		\$237,910	\$0	\$0	\$0	\$0		\$237,910	
2	Repair/Replace Emergency and Secondary Electrical Systems, CMHIP, 3 Phases		\$1,150,785	\$1,286,657	\$1,240,833	\$0	\$0		\$3,678,275	
3	Upgrades to HVAC Systems, Group Homes, WRRC, 2 Phases		\$939,708	\$1,428,536	\$0	\$0	\$0			\$2,368,244
3	Repair/Replace Roofs (1st Tier), CMHIP, 3 Phases		\$1,070,012	\$1,331,570	\$1,317,218	\$0	\$0			\$3,718,800
3	Repair/Replace Elevators (1st Tier), CMHIP, 3 Phases		\$1,185,978	\$1,180,507	\$936,678	\$0	\$0			\$3,303,163
3	Replace HVAC Equipment, Building 49 and Replace Water Softeners/Valves, Building 118, CMHIP, 3 Phases		\$1,186,220	\$1,478,313	\$1,161,483	\$0	\$0			\$3,826,016
DEPA	RTMENT OF MILITARY & VETERANS AFFAIRS									
1	Building Systems and Security Repairs, Denver Readiness Center, 1 Phase		\$465,265	\$0	\$0	\$0	\$0			
	Matching Federal Funds		\$465,265	\$0	\$0	\$0	\$0			
2	Site Flood Mitigation, Building Envelope Repairs, Watkins Readiness Center, 2 Phases	17-037M16	\$271,210	\$0	\$0	\$0	\$0		\$271,210	
			\$271,210 N	latching Federal	Funds	\$0	\$0			
2	Envelope Repairs, ACM Remediation and Fire Detection, Longmont Readiness Center, 1 Phase		\$366,940	\$0	\$0	\$0	\$0		\$366,940	
			\$366,940 N	latching Federal	Funds	\$0	\$0			
DEPA	RTMENT OF PERSONNEL & ADMINISTRATION - DIVISION OF CENTRAL S	SERVICES								
1	Fire Alarm System Upgrades at Centennial Building, 1 Phase		\$1,414,957	\$0	\$0	\$0	\$0			
2	Replace Absorber and Repair the Main Chilled Water Loop, Downtown Complex, 2 Phases		\$1,634,156	\$1,001,580	\$0	\$0	\$0		\$2,635,736	
3	Replace UPS Transfer Switch, 690 Kipling, 1 Phase		\$227,689	\$0	\$0	\$0	\$0			\$227,689
3	Upgrade/Repair Restroom, Capital Complex Buildings, 1 Phase		\$489,500	\$0	\$0	\$0	\$0			\$489,500
DEPA	RTMENT OF PERSONNEL & ADMINISTRATION - CAMP GEORGE WEST									
3	Repair/Upgrade/Assess Storm Drainage and Underground Utilities, 1 Phase		\$544,500	\$0	\$0	\$0	\$0			\$544,500
DEPA	RTMENT OF PERSONNEL & ADMINISTRATION -STATE CAPITOL BUILDIN	lG								
1	Rehabilitate/Restore Exterior Windows and Facade, 4 Phases		\$1,000,000	\$1,825,000	\$1,825,000	\$0	\$0		\$3,650,000	
3	Repair/Replace Plumbing Systems and Sub Basement Steam System, 3 Phases		\$1,739,184	\$1,739,184	\$1,739,184	\$0	\$0			\$5,217,552

CM Level	Project Title, Number of Phases	Project No.	FY 17/18 Current Request	FY 18/19 Budget Request	FY 19/20 Budget Request	FY 20/21 Budget Request	FY 21/22 Budget Request	CM Level 1 Out-Phases Cost	CM Level 2 Cost	CM Level 3 Cost
DEPA	RTMENT OF PUBLIC HEALTH & THE ENVIRONMENT		•	•	-					
2	Roof Replacement, Laboratory Building, 2 Phases		\$1,017,268	\$575,147	\$0	\$0	\$0		\$1,592,415	
2	Fire Life Safety Upgrade/Replacement, Argo Water Treatment Facility, 1 Phase		\$122,980	\$0	\$0	\$0	\$0		\$122,980	
	RTMENT OF PUBLIC SAFETY		A = 12.22						A = 12 222	
2	Repairs/Upgrades to Mechanical and Electrical Systems, Three CSP Field Offices, 1 Phase		\$740,300	\$0	\$0	\$0	\$0		\$740,300	
DEPA	RTMENT OF REVENUE									
2	Replace HVAC System, 1881 Pierce, 4 Phases	M13062	\$1,143,596	\$643,272	\$0	\$0	\$0		\$1,786,868	
2	Rehabilitate Elevators, 1881 Pierce, 1 Phase		\$389,950	\$0	\$0	\$0	\$0		\$389,950	
OFFIC	CE OF INFORMATION TECHNOLOGY									
2	Replace Microwave Site Tower, Toonerville, 1 Phase		\$576,496	\$0	\$0	\$0	\$0		\$576,496	
ADAN	IS STATE COLLEGE									
1	Roof Replacement, Various Buildings, 2 Phases		\$297,095	\$526,874	\$0	\$0	\$0	\$526,874		
3	Replace Sidewalk Curb and Gutter, 2 Phases		\$867,180	\$195,943	\$0	\$0	\$0			\$1,063,123
AURA	ARIA HIGHER EDUCATION CENTER									
1	Replace/Upgrade Fire Alarm Systems, Multiple Buildings, 3 Phases	2017-036M16	\$362,468	\$351,921	\$0	\$0	\$0	\$351,921		
1	Emergency Power System Protection for Campus Telecommunications, 2 Phases		\$301,774	\$445,179	\$0	\$0	\$0	\$445,179		
3	Replace Roof, North Classroom Building, 3 Phases		\$1,021,545	\$925,183	\$602,631	\$0	\$0			\$2,549,359
3	Replace/Repair North Chiller Plant Chilled Water Lines, 1 Phase		\$349,452	\$0	\$0	\$0	\$0			\$349,452
COLC	DRADO MESA UNIVERSITY									
1	Campus Safety Project, Access Control, 1 Phase		\$300,608	\$0	\$0	\$0	\$0			
2	Repair Roof, Horace Wubben Hall, 1 Phase		\$428,824	\$0	\$0	\$0	\$0		\$428,824	
2	Repair Roof, Building B, Western Colorado Community College, 1 Phase		\$495,128	\$0	\$0	\$0	\$0		\$495,128	
3	Replace Roof, Fine Arts, 1 Phase		\$271,854	\$0	\$0	\$0	\$0			\$271,854
3	Replace Roof, Admissions Offices, 1 Phase		\$212,168	\$0	\$0	\$0	\$0			\$212,168
COLC	PRADO SCHOOL OF MINES									
1	Replace Hazardous Laboratory Fume Controls, Campus, 4 Phases	2016-056M15	\$1,019,251	\$316,811	\$0	\$0	\$0	\$316,811		

CM Leve	Project Title, Number of Phases	Project No.	FY 17/18 Current Request	FY 18/19 Budget Request	FY 19/20 Budget Request	FY 20/21 Budget Request	FY 21/22 Budget Request	CM Level 1 Out-Phases Cost	CM Level 2 Cost	CM Level 3 Cost
1	Replacement of Campus 13,200 volt Switchgear, 1 Phase		\$1,049,000	\$0	\$0	\$0	\$0			
2	Campus Steam Branch Repairs, 3 Phases	2014-070M14	\$333,251	\$196,658	\$0	\$0	\$0		\$529,909	
COLO	DRADO STATE UNIVERSITY									
1	Replace Bio-hazard HVAC System, Bioenvironmental Research Building, 1 Phase		\$1,939,959	\$0	\$0	\$0	\$0			
1	Install Sprinklers and Repair Emergency Lighting, Administration Building, 1 Phase		\$431,481	\$0	\$0	\$0	\$0			
2	Replace Roof above the Auditorium, Engineering Building, 1 Phase		\$145,896	\$0	\$0	\$0	\$0		\$145,896	
2	Repair Failing Walls, Pickett Center, 2 Phases		\$999,448	\$955,266	\$0	\$0	\$0		\$1,954,714	
2	Replace Roof, Glover Building, 1 Phase		\$827,626	\$0	\$0	\$0	\$0		\$827,626	
2	Replace Electric Service, Foothills Campus, XCEL Substation to West Meter Point, 1 Phase		\$991,928	\$0	\$0	\$0	\$0		\$991,928	
3	Upgrade HVAC System, Moby Arena, 2 Phases		\$1,080,606	\$1,106,887	\$0	\$0	\$0			\$2,187,493
3	Replace Obsolete Building Automation Control System, 1 Phase		\$1,142,792	\$0	\$0	\$0	\$0			\$1,142,792
3	Replace Deteriorated Storm Water Line, Main Campus, 1 Phase		\$1,093,574	\$0	\$0	\$0	\$0			\$1,093,574
3	Repair/Removal, Engineering Bridge, 1 Phase		\$363,383	\$0	\$0	\$0	\$0			\$363,383
3	Repair Exterior Walls, Industrial Sciences Building, 1 Phase		\$1,992,564	\$0	\$0	\$0	\$0			\$1,992,564
COLO	DRADO STATE UNIVERSITY - PUEBLO									
1	Roof and Stair Replacement, Two Buildings, 1 Phase		\$951,862	\$0	\$0	\$0	\$0			_
2	Campus and Building Security System, 3 Phases	2012-064M14	\$890,450	\$0	\$0	\$0	\$0		\$890,450	
2	Upgrades to Campus Fire Systems, 2 Phases		\$648,340	\$580,800	\$0	\$0	\$0		\$1,229,140	
FORT	LEWIS COLLEGE									
1	Drainage Improvements, ADA Access and Roof Replacement, Miller Student Services, 2 Phases		\$179,742	\$1,059,150	\$0	\$0	\$0	\$1,059,150		
2	Boiler Replacement, Whalen Gymnasium, 1 Phase		\$484,284	\$0	\$0	\$0	\$0		\$484,284	
UNIV	ERSITY OF COLORADO BOULDER									
1	Campus Fire Sprinkler Upgrades, 5 Phases	2015-081M14	\$98,316	\$705,312	\$0	\$0	\$0	\$705,312		
1	Exterior Concrete Repairs, Engineering Center, 1 Phase		\$650,297	\$0	\$0	\$0	\$0			
1	Fire Sprinkler and HVAC Upgrades, Education Building, 3 Phases		\$1,362,096	\$1,745,658	\$768,886	\$0	\$0	\$2,514,544		
2	HVAC Upgrades and Controls, Electrical Engineering Center, 4 Phases		\$1,520,527	\$1,412,062	\$1,689,508	\$1,709,890	\$0		\$6,331,987	
2	Upgrade Electrical Service, Science Learning Lab Building, 1 Phase		\$929,653	\$0	\$0	\$0	\$0		\$929,653	

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UNIV	ERSITY OF COLORADO COLORADO SPRINGS									
1	Install Fire Sprinklers, Library, El Pomar Center, and Campus Services Buildings, 2 Phases		\$701,163	\$107,779	\$0	\$0	\$0	\$107,779		
2	Replace RTUs and Roof, University Hall, 4 Phases		\$1,073,000	\$488,815	\$672,070	\$374,364	\$0		\$2,608,249	
2	Replace Generator, Columbine Hall, 1 Phase		\$248,740	\$0	\$0	\$0	\$0		\$248,740	
UNIVE	ERSITY OF COLORADO DENVER									
1	Replace Electrical Switchgear, Building 500, 3 Phases		\$723,467	\$725,950	\$843,476	\$0	\$0	\$1,569,426		
2	Building 500 Elevator Code Deficiencies and Repairs, 3 Phases	2015-097M14	\$396,988	\$407,493	\$0	\$0	\$0		\$804,481	
2	Upgrades to HVAC, VAV Distribution and Zone Control, Building 500, 5 Phases		\$803,166	\$445,728	\$750,543	\$1,054,548	\$639,188		\$3,693,173	
3	Upgrade Electrical Cable and Switches, 400 Building Series, 1 Phase		\$482,336	\$0	\$0	\$0	\$0			\$482,336
UNIVE	ERSITY OF NORTHERN COLORADO									
1	Fire Sprinkler Upgrades, Frasier and Gunter, 2 Phases		\$1,611,931	\$863,187	\$0	\$0	\$0	\$863,187		
2	Frasier Tunnel System Abatement and Re-Insulate, 1 Phase		\$339,146	\$0	\$0	\$0	\$0		\$339,146	
2	Replace Pool AHU, Butler Hancock, 1 Phase		\$937,268	\$0	\$0	\$0	\$0		\$937,268	
WEST	FERN STATE COLLEGE									
1	Replace Heating System, PW Gym, 1 Phase		\$1,000,000							
	CF		\$148,750	\$0	\$0	\$0	\$0			
2	Boiler Replacement, Kelley Hall, 1 Phase		\$204,796	\$0	\$0	\$0	\$0		\$204,796	
3	Repair/Replace Roofing System, 2 Phases		\$610,116	\$539,070	\$0	\$0	\$0			\$1,149,186
ARAP	PAHOE COMMUNITY COLLEGE									
2	Roof Replacement, South Building, 1 Phase		\$982,468	\$0	\$0	\$0	\$0		\$982,468	
COLC	DRADO COMMUNITY COLLEGE @ LOWRY									
1	Replace Chiller, Building 903, 1 Phase		\$498,036	\$0	\$0	\$0	\$0			
2	Install New Boilers, Chillers, AHUs, and Upgrade Controls, Building 697, 1 Phase		\$1,656,447	\$0	\$0	\$0	\$0		\$1,656,447	
2	Replace Roof, Building 697, 1 Phase		\$305,495	\$0	\$0	\$0	\$0		\$305,495	
3	Install New Boiler, Pumps, and Controls, Building 840, 1 Phase		\$325,203	\$0	\$0	\$0	\$0			\$325,203
3	Upgrade Electrical Systems/Panels, Multiple Buildings, 1 Phase		\$379,817	\$0	\$0	\$0	\$0			\$379,817

Level		Project No.	FY 17/18 Current Request	FY 18/19 Budget Request	FY 19/20 Budget Request	FY 20/21 Budget Request	FY 21/22 Budget Request	CM Level 1 Out-Phases Cost	CM Level 2 Cost	CM Level 3 Cost
	DRADO NORTHWESTERN COMMUNITY COLLEGE									
3	Roof Replacement, Johnson Building, Rangely Campus, 1 Phase Roof Replacement, President's Residence, Rangely Campus, 1 Phase		\$721,977 \$122,917	\$0 \$0	\$0 \$0	\$0 \$0	\$0 \$0		\$721,977	\$122,917
FRON	IT RANGE COMMUNITY COLLEGE									
1	Replace One Chiller and Upgrade Chiller Infrastructure, Westminster Campus, 1 Phase		\$880,198	\$0	\$0	\$0	\$0			
2	Replace MZU and Ductwork and Add Controls, East Wing, Westminster Campus, 1 Phase		\$687,704	\$0	\$0	\$0	\$0		\$687,704	
LAMA	AR COMMUNITY COLLEGE									
2	Modernize Walkway Lighting, North Campus, 1 Phase		\$319,132	\$0	\$0	\$0	\$0		\$319,132	
3	Upgrade Accessibility Code Compliance, Bowman and Administration Buildings, 2 Phases		\$990,478	\$838,323	\$0	\$0	\$0			\$1,828,801
MOR	GAN COMMUNITY COLLEGE									
2	Replace/Replace Damaged Sidewalks, Stairs, and ADA ramps, 1 Phase		\$698,639	\$0	\$0	\$0	\$0		\$698,639	
NORT	THEASTERN JUNIOR COLLEGE									
1	Install Electronic Door Access System and Camera System, 2 Phases	2016-077M16	\$525,500	\$0	\$0	\$0	\$0			
1	Replace Campus Main Transformers, 2 Phases	2015-101M14	\$121,482	\$0	\$0	\$0	\$0			
OTER	O JUNIOR COLLEGE									
1	Repair/Upgrade Campus Security Access and Electronic Locks, 2 Phases	2016-071M16	\$500,000	\$0	\$0	\$0	\$0			
PIKES	S PEAK COMMUNITY COLLEGE									
1	Fire Sprinkler System Improvements, Centennial Campus, 1 Phase		\$967,621	\$0	\$0	\$0	\$0			
2	Fire Sprinkler System and Alarm System Improvements, Downtown Studio, 1 Phase		\$773,242	\$0	\$0	\$0	\$0		\$773,242	
2	Repair Exterior Walkways, Aspen Building, Centennial Campus, 1 Phase		\$777,251	\$0	\$0	\$0	\$0		\$777,251	
3	Reroof Sections 5 and 6 of Aspen Building, Centennial Campus, 1 Phase		\$1,061,876	\$0	\$0	\$0	\$0			\$1,061,876

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PUEB	LO COMMUNITY COLLEGE									
1	Building and Commons Area Security Upgrades, Three Campuses, 2 Phases	2017-035M16	\$962,550	\$0	\$0	\$0	\$0			
2	Install Heat Exchanger and Associated Pumps and Controls, MT Building, Pueblo Campus, 1 Phase		\$374,782	\$0	\$0	\$0	\$0		\$374,782	
3	Replace Boiler, Controls System and Clean Building Ducts, Health Sciences Building, 1 Phase		\$645,830	\$0	\$0	\$0	\$0			\$645,830
RED F	ROCKS COMMUNITY COLLEGE									
1	Install Building Access System and Cameras, 1 Phase		\$995,600	\$0	\$0	\$0	\$0			
3	Replace Roof on Construction Technology and Arvada Laboratory Buildings, 1 Phase		\$665,140	\$0	\$0	\$0	\$0			\$665,140
TRINI	DAD STATE JUNIOR COLLEGE									
2	Improvements to the HVAC System, Windows, and Indoor Air Quality, Berg Building, 1 Phase		\$1,881,507	\$0	\$0	\$0	\$0		\$1,881,507	